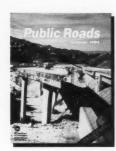
Contents of Volume 58 -



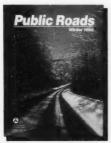
No. 1, Summer 1994

The Automated Highway System: An Idea Whose Time Has Come by Nita Congress
The IVHS Architecture Program: A Systematic Approach to Progress
Safety on the Washington, D.C., Capital Beltway by Ilona Orban
Highway Finance: Past, Present, and Future by Germaine Williams and Tom Howard.
Transferring Technology From Conservation Science to Infrastructure Renewal by Richard A. Livingston
The Northridge Earthquake: Progress Made, Lessons Learned in Seismic-Resistant Bridge Design by James D. Cooper, Ian M. Friedland, Ian G. Buckle, Roland B. Nimis, and Nancy McMullen Bobb
The Interactive Highway Safety Design Model: Designing for Safety by Analyzing Road Geometrics by Jerry A. Reagan
Accident Rates Using HSIS by Yusuf M. Mohamedshah and Amy R. Kohls

No. 2, Autumn 1994

110. 2, 111.	
Intermodalism and ISTEA — The Challenges and the Changes by Lawrence Dwyer	1
Lincoln Builds First Heated Pedestrian Viaduct by Milo D. Cress and Al Imig	5
Comparison of the Safety of Lighting Options on Urban Freeways by Michael S. Griffith	8
Civil Rights Implications of ISTEA by Edward W. Morris Jr	16
ADA: Guaranteeing Access to Transportation by Nita Congress	18
Tube Freight Transportation by Lawrence Vance and Milton K. Mills	21
Bicycling and Walking Can Be Feasible Transportation Choices: Making More Modes	28
The Use of Recycled Materials in Highway Construction by Robin L. Schroeder	32





No. 3, Winter 1995

Congestion Control and Demand Management by Sheldon G. Strickland and Wayne Berman	1
The Nuclear Asphalt Content Gauge by Kevin N. Black	8
Interactive Highway Safety Design Model: Accident Predictive Module by Harry Lum and Jerry A. Reagan	14
The National AHS Consortium: A New Way of Doing Business by Lyle Saxton	18
TransFuture '94 and Transportation Into the Next Century	20

Tunnel Fire: Testing to Evaluate Ventilation Systems by Jesús Robena	24
Robotics in Highway Construction and Maintenance by Dah-Cheng Woo	26
The Safety Challenge — The National Capital Beltway by Ilona Orban	31
Human Factors in Advanced Traffic Management Systems by Nazemeb Sobbi	35

No. 4, Spring 1995 Earth Issue (Editor's Comment) The 1994 Environmental Policy Statement: A Framework for Action by Rodney E. Slater FHWA's Environmental Policy Statement 1994

by Rouney E. Switer
FHWA's Environmental Policy Statement 1994
The CMAQ Program: Realizing ISTEA's Promise by Michael J. Savonis
ITS and the Environment by Cynthia J. Burbank
Highway Bonds: An Emerging Option for Increasing Highway Financing

by Tom Howard	12
New Strategies Can Improve Winter Road Maintenance Operations by Andrew Mergenmeier	16
The National Boundings Treth Bonding Bounds	

by Christopher Douwes	
Preserving a Sense of Wildness	
by Gary Hunter	21

National Scenic Byways Clearinghouse	
by Mary Ann McNamara	28
Arizona's Ceneral Hitchcock Highway, Palancing Safety and the Environment	

by Mark B. Taylor	30
Highway Research: Current Programs and Future Directions	37



1

2

7

List of Authors

(and issue and page references)

Tommy Beatty	3/p.20	Tom Howard 1/p.13	4/p.12
Wayne Berman	3/p.1	Gary Hunter	4/p.21
Kevin N. Black	3/p.8	Al Imig	2/p.5
Nancy McMullen Bobb	1/p.26	Amy R. Kohls	1/p.44
Ian G. Buckle	1/p.26	Richard A. Livingston	1/p.18
Cynthia J. Burbank	4/p.9	Harry Lum	3/p.14
Nita Congress 1/p.1	, 2/p.18	Mary Ann McNamara	4/p.28
James D. Cooper	1/p.26	Andrew Mergenmeier	4/p.16
Milo D. Cress	2/p.5	Milton K. Mills	2/p.21
Christopher Douwes	4/p.18	Yusuf M. Mohamedshah	1/p.44
Lawrence Dwyer	2/p.1	Edward W. Morris Jr	2/p.16
Ian M. Friedland	1/p.26	Roland B. Nimis	1/p.26
Michael S. Griffith	2/p.8	Ilona Orban 1/p.12	, 3/p.31

Jerry A. Reagan 1/p.37,	3/p.14
Jesús Rohena	3/p.24
Michael J. Savonis	4/p.7
Lyle Saxton	3/p.18
Robin L. Schroeder	2/p.32
Nazemeh Sobhi	3/p.35
Sheldon G. Strickland	3/p.1
Mark B. Taylor	4/p.30
Lawrence Vance	2/p.21
Germaine Williams	1/p.13
Dah-Cheng Woo	3/p.26

